



SCALE
SCALE TO FIT
Architecture Committee



WELCOME DAY

اول ايام التدريب الصيفي
دفعه اولى عمارة

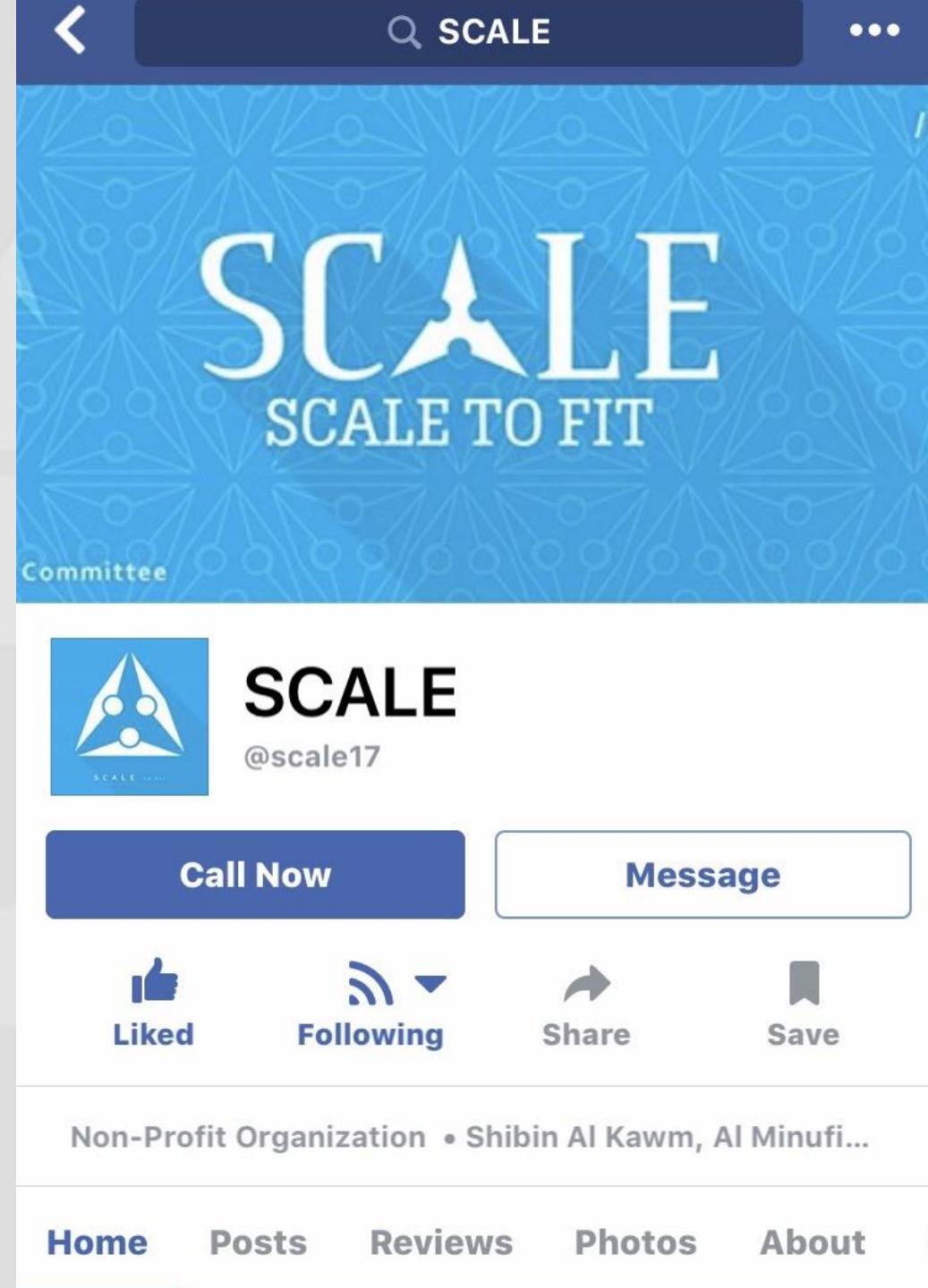
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كلية الهندسة - جامعة المنوفية

SCALE DAY

don't forget to like
the page 



Introduction to Architectural Softwares



SCALE DAY

Then

The best way to create value in the
21st century is to connect creativity
with technology.



NOW



Software in Architecture

SCALE DAY

- Modelling
- Rendering
- Post Production
- Addons



Software in Architecture

SCALE DAY

- Modelling
- Rendering
- Post Production
- Addons



Software in Architecture

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Modelling

2D



AutoCad



Revit



Dynamo



SketchUp



fusion360

3D



3ds Max



Maya



Rhino



SCALE

Software in Architecture

SCALE DAY

Rendering

REALTIME



Lumion



Twinmotion

PRODUCTION



Vray



Software in Architecture

SCALE DAY



Photoshop



LightRoom

PostProduction



SCALE

Software in Architecture

SCALE DAY

- Addons



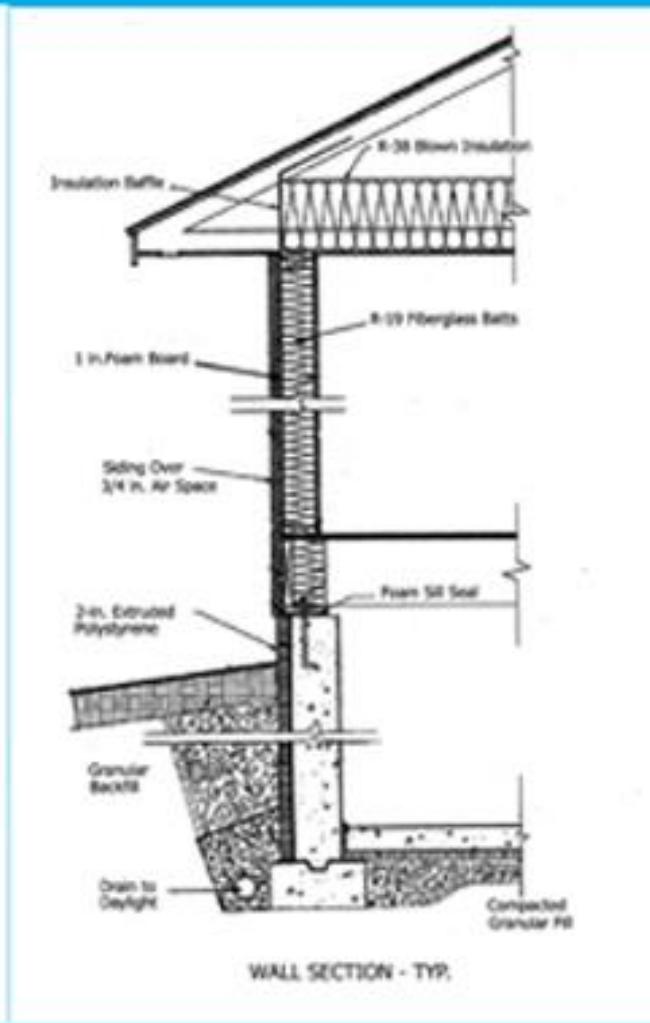
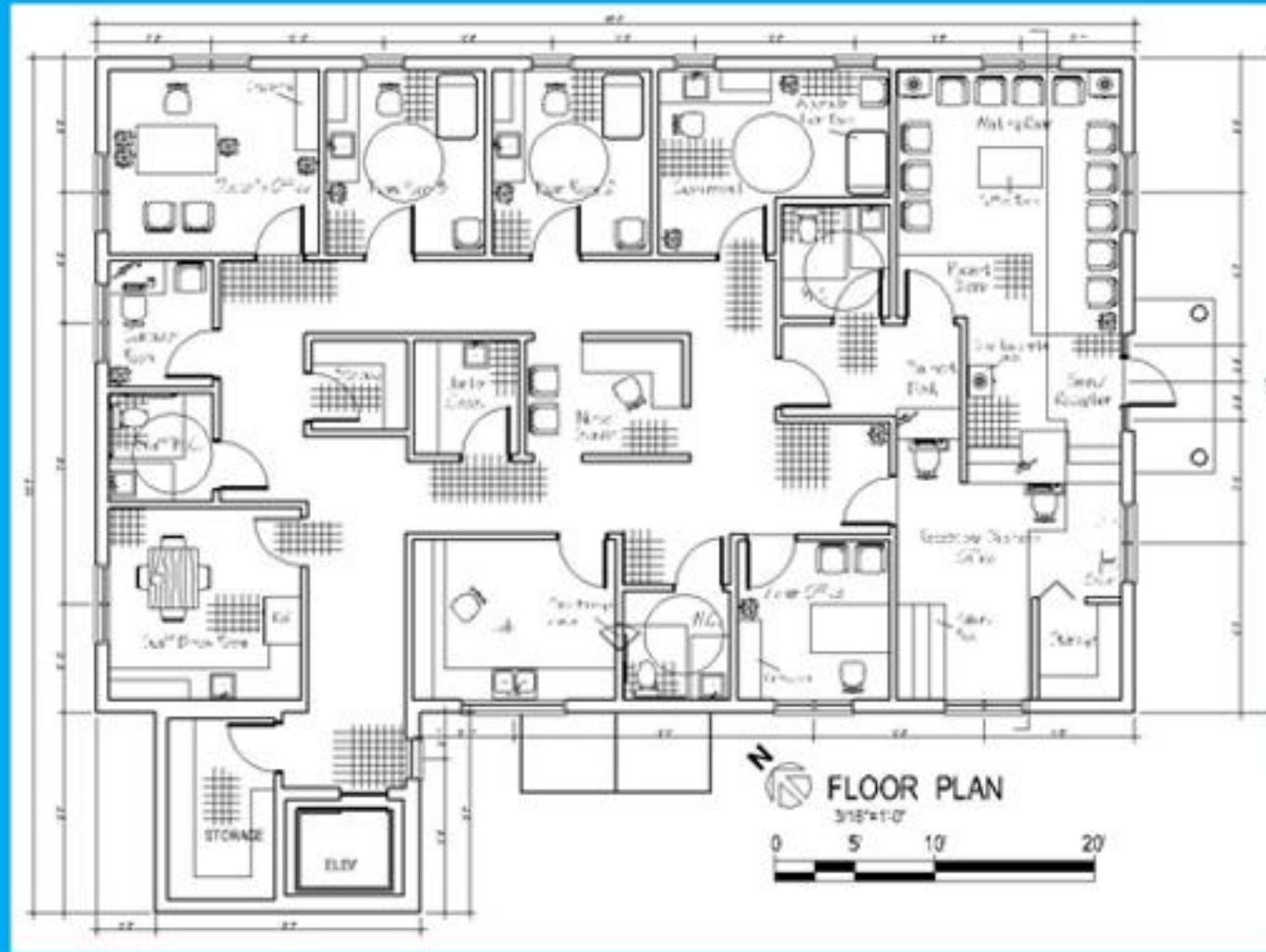
Illustrator



AfterEffects

Modelling - Autocad

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Modelling- Revit

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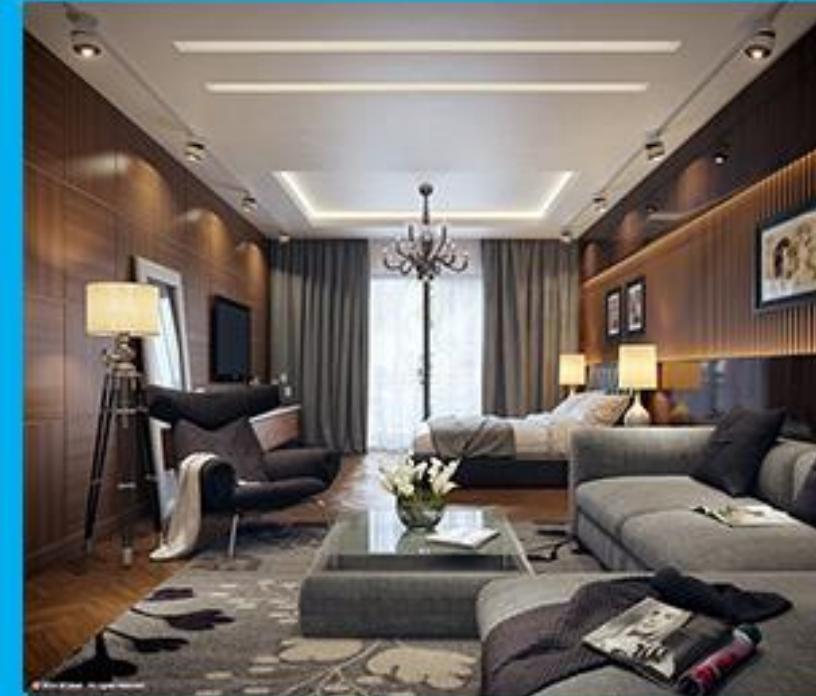
Modelling- SketchUp ★

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Modelling - 3ds Max ★

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Modelling - Maya

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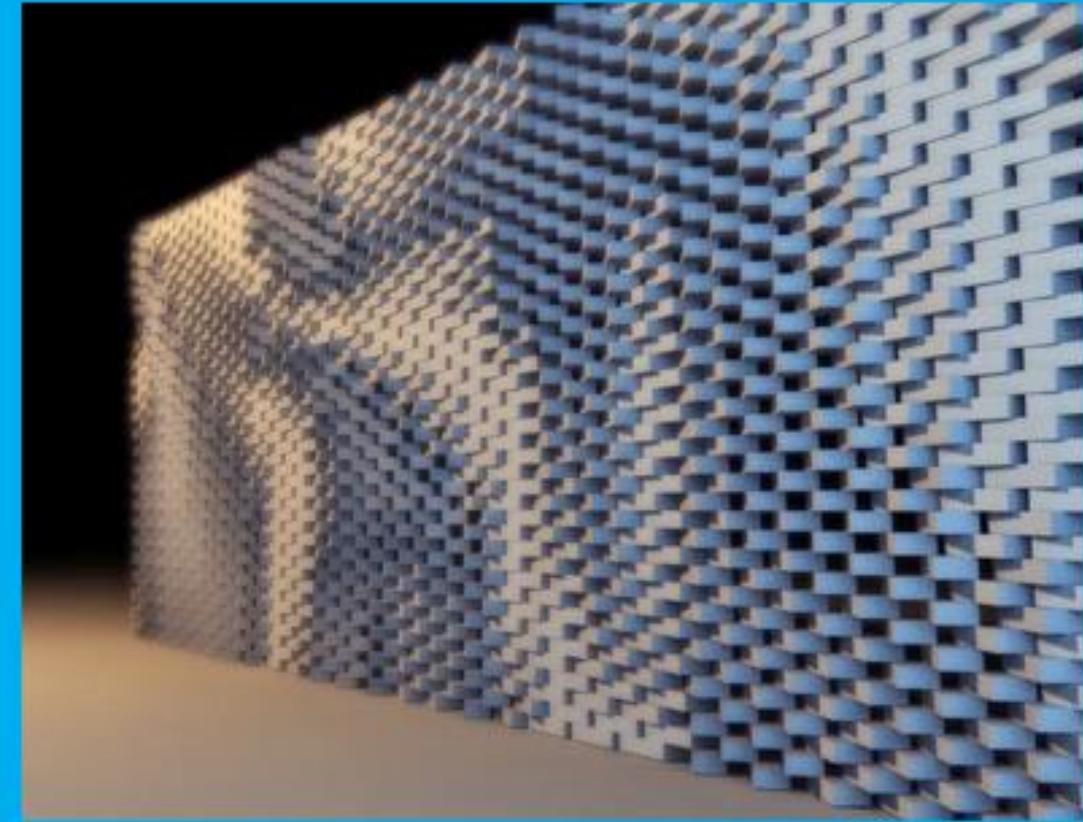
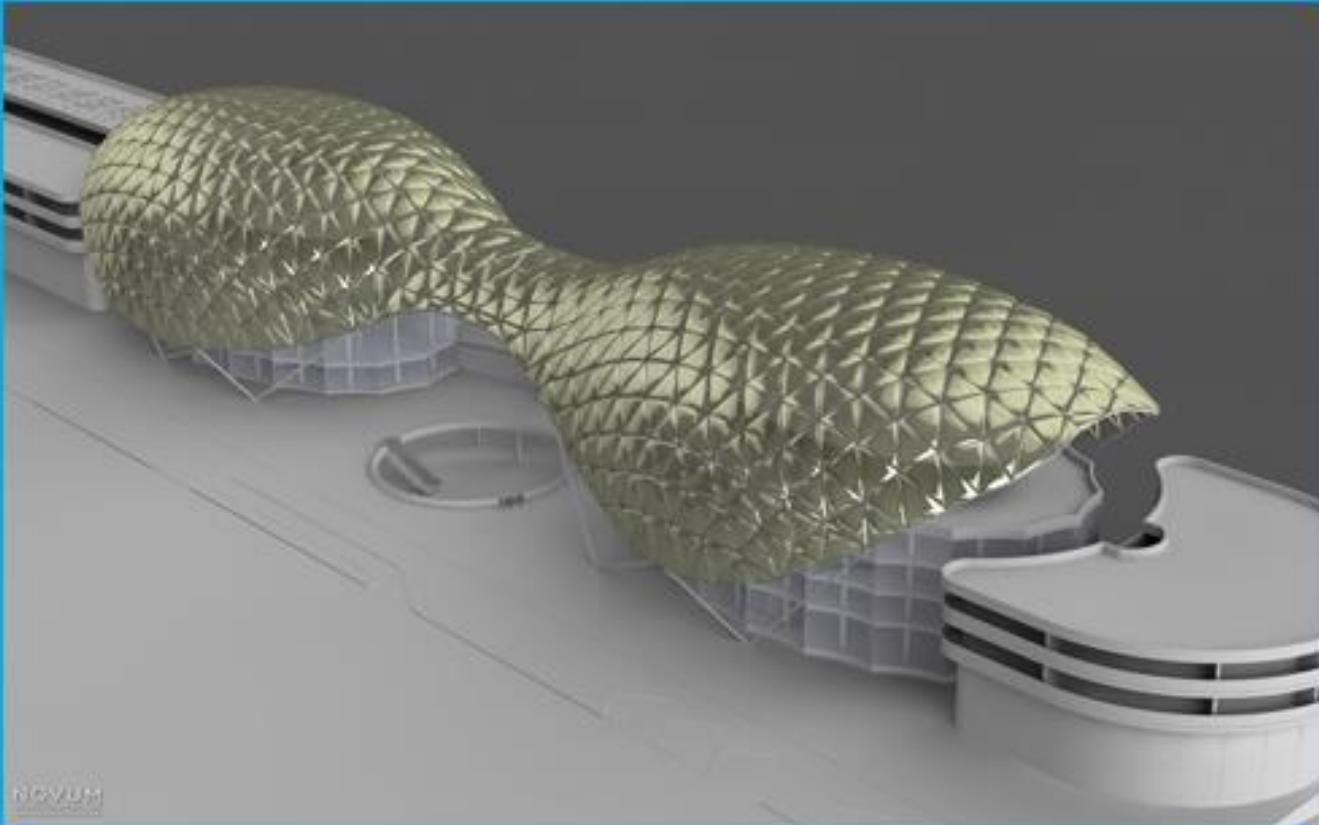


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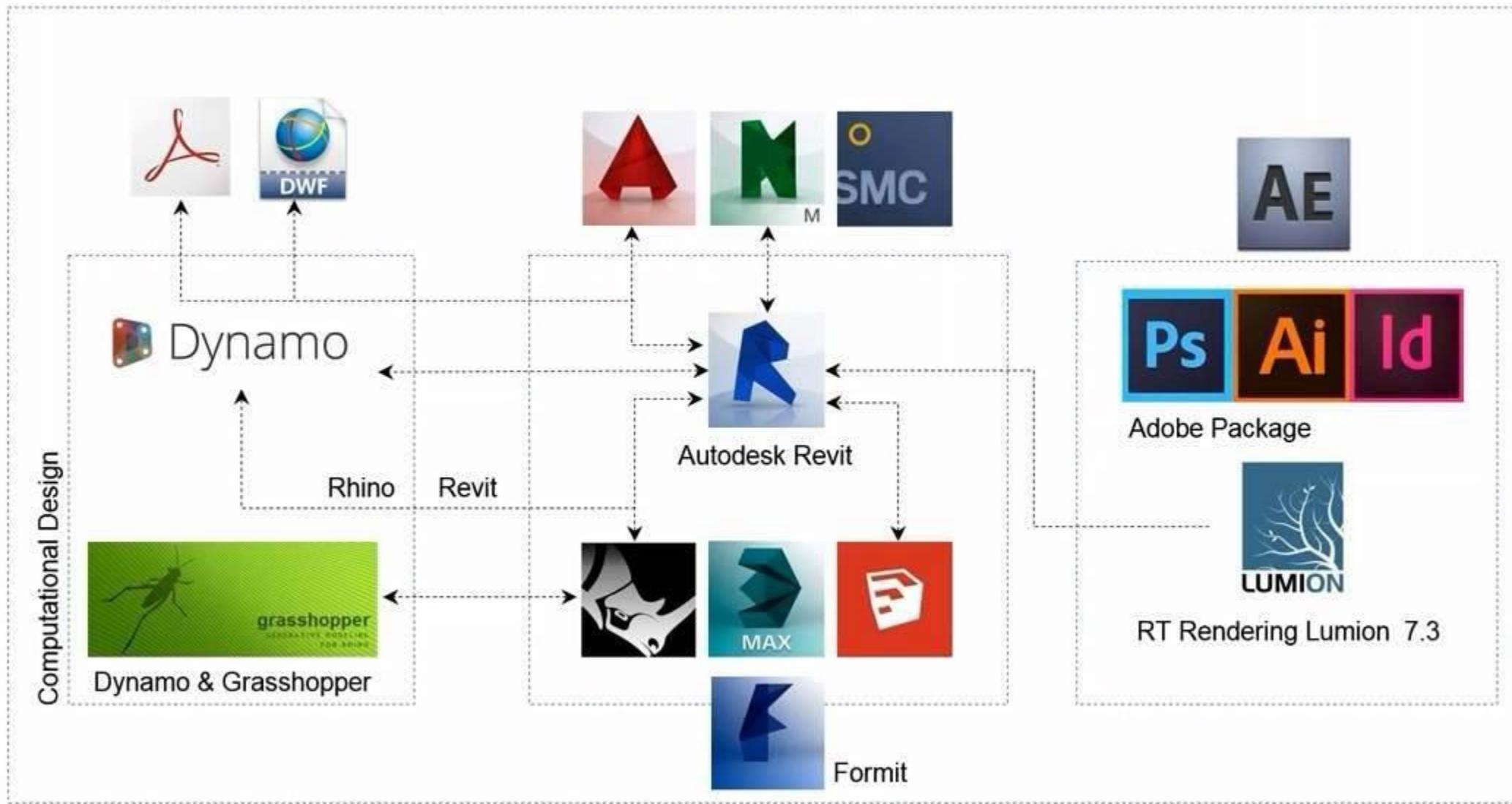
Modelling- Rhino

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WORKFLOW

Create Simple & Easy Workflow.



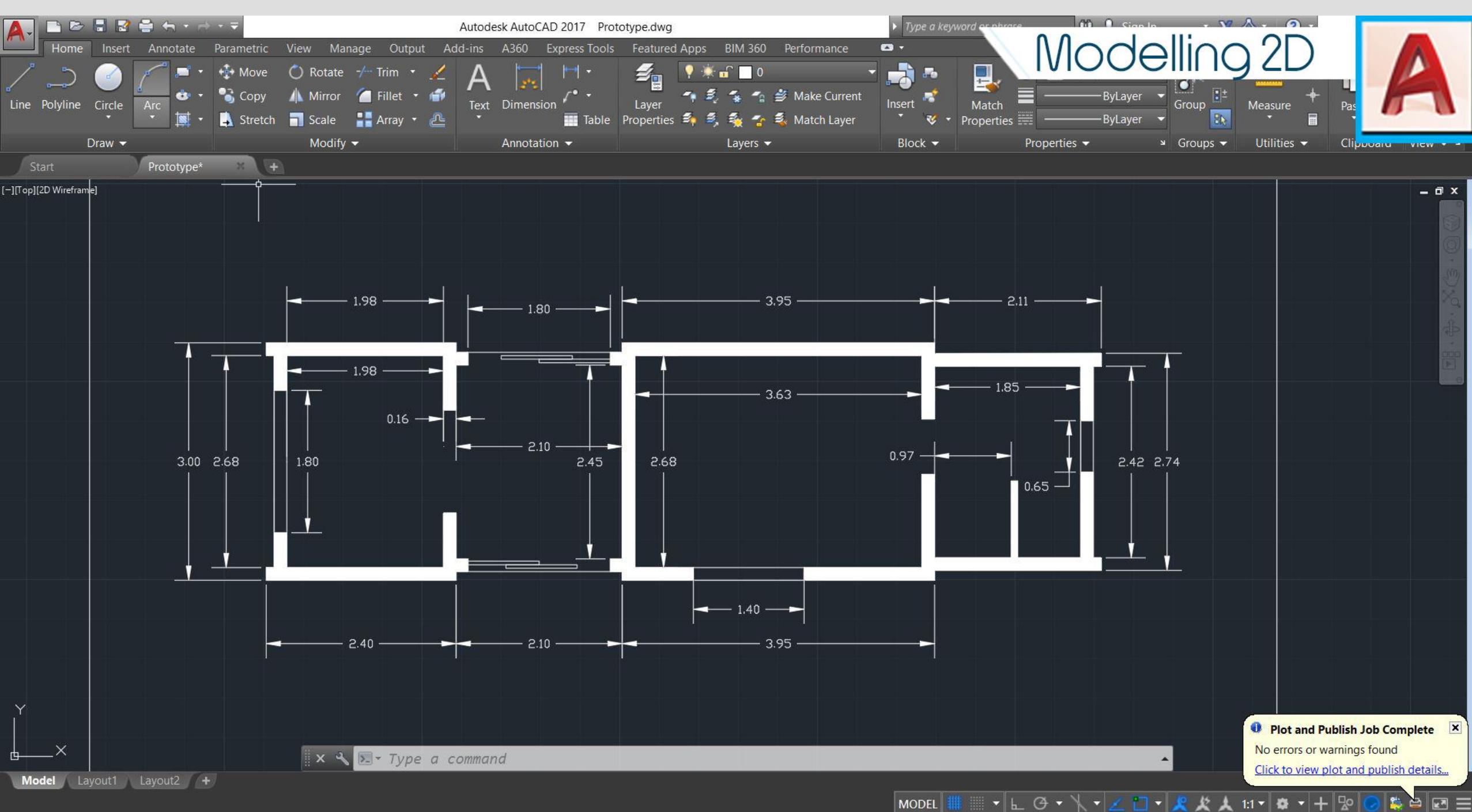
Work Smarter Not Harder

Example

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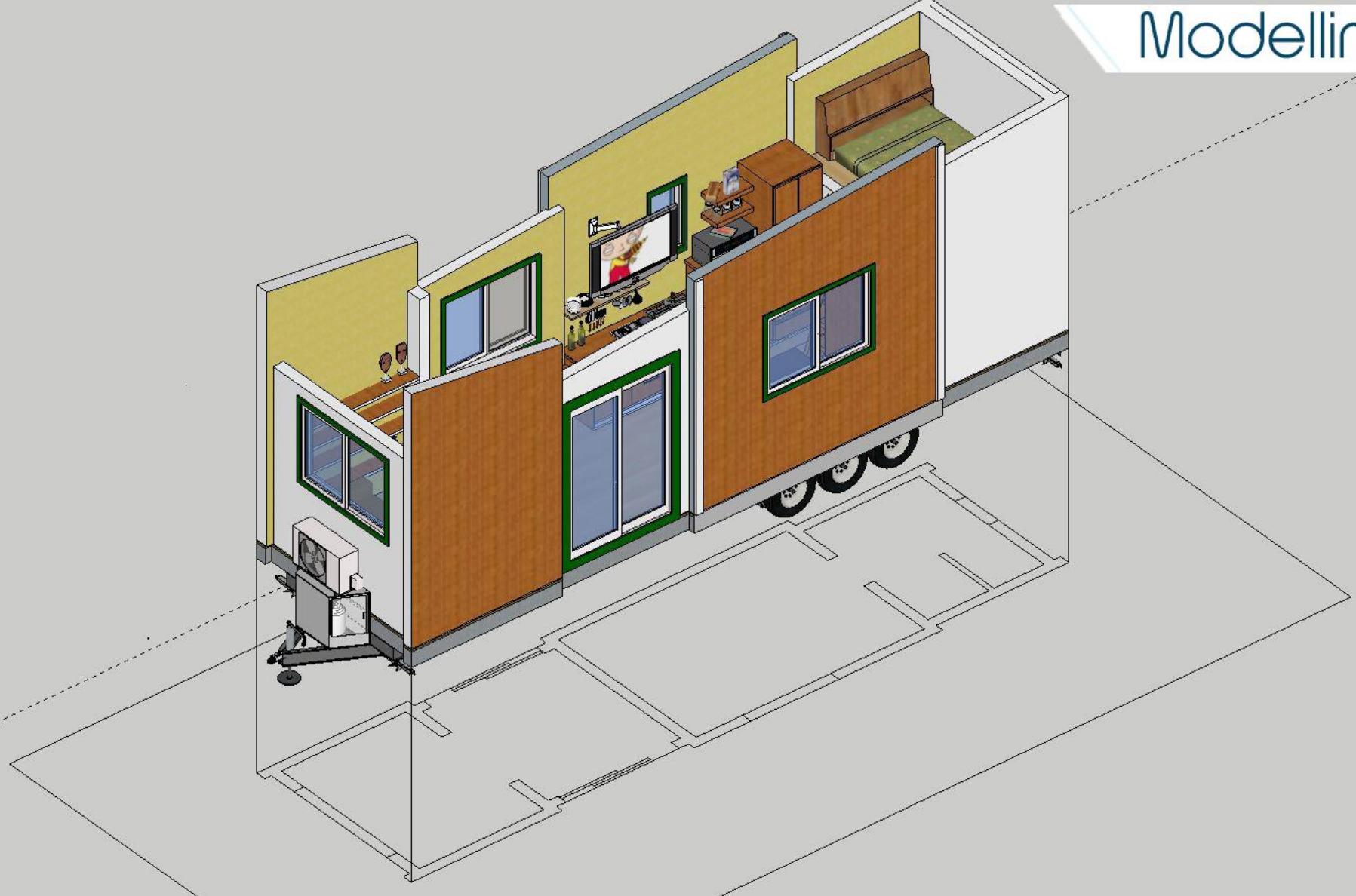
- Modelling
- Rendering
- Post Production
- Addons







Modelling 3D



H: Toggle Help
Enter: Toggle between Movie Playback and Explore mode
ALT+ 0/1/2...9: Toggle Layer visibility



Rendering



SCA



Ps File Edit Image Layer Type Select Filter 3D View Window Help

Auto-Select: Layer Show Transform Controls 3D Mode: Essentials

PSD.psd @ 100% (Template, RGB/8#) * 04.jpg @ 100% (RGB/8#) * 02.jpg @ 100% (Background, RGB/8#) * 03.jpg @ 100% (RGB/8#) * print.psd @ 6.25% (Layer 23, RGB/8) *

15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195

Color Swatches

R 0 G 173 B 239

Adjustments Styles Add an adjustment

Layers Channels Paths

Kind Normal Opacity: 100% Lock: Fill: 100%

T Layer 36

T Shape 1

T MAWADA ALI...

T OMAR HOSN...

T PRESENTED ...

T PRESENTED ...

T Layer 29

T Layer 30

T RV TINY HOU...

MAIN FLOOR PLAN

ELEVATION 1

ELEVATION 2

INTERIOR SHOT 1

INTERIOR SHOT 2

INTERIOR SHOT 3

PRESENTED TO : DR GHADA YASEEN
PRESENTED BY : OMAR HOSNY MAWADA ALI
OMAR MOSAFA MAINA NASSER
KHALAD ADEL MAENA TAKHYI

6.25% Doc: 646.6M/1.42G

Color Swatches

R 0 G 173 B 239

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RV TINY HOUSE PROJECT

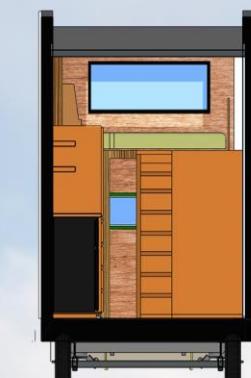


PRESENTED TO : DR GHADA YASEEN

PRESENTED BY : OMAR HOSNY MAWADA ALI
OMAR MOSTAFA MARINA NASSER
KHALAD ADEL MAEINA FAKHRY



ELEVATION 1



ELEVATION 2



EXTERIOR SHOT 1



INTERIOR SHOT 3



INTERIOR SHOT 2



INTERIOR SHOT 1

Architecture & Hardware



- Type of Machine
- CPU
- GPU
- Ram



- Type Of Machine



Laptops



PC



- Type Of Machine



Laptops

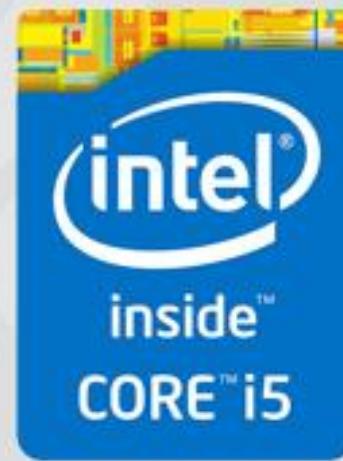


PC

Processor	NO	Yes
VGA	NO	Yes
RAM	Yes	Yes
Storage	Yes	Yes



CPU





CPU



Cores & Threads

2 "Dual" Core -----> 4 Threads

4 "Quad" Core -----> 8 Threads



- CPU
Type Of Cores
Core **X-Y000Z**

X - Core

Core i7

Core i5

Core i3

Y - Generation

4th Gen.

5th Gen.

6th Gen.

7th Gen.

Z - Suffix

U

HQ

MQ - QM

K-S-R-T



7 - Core
Core i7

- CPU
- Type Of Cores
- Core i7-7700HQ
- 7 - Generation
- 7th Gen.



HQ - Suffix
HQ



VGA Cards



GTX

Gaming
Low Cost



GFX
High Cost

Quadro



GTX



VGA Cards

Nvidia GTX 8.xx - 9.xx - 10.xx

AMD Radeon RX 5.xx

Min: 2GB --- Max: \$



- RAM

DDR3 or 4 or 5

Min: 8GB DDR3



- LENOVO Y520-15IKBN



Processor : intel Core i7-7700HQ

VGA : GTX 1050ti (4GB DDR5)

RAM : 16GB DDR4

ريال سعودي 4100



- Acer Aspire 7 A715-71G



Processor : intel Core i7-7700HQ

VGA : GTX 1050ti (4 GB DDR5)

RAM : 8GB DDR4

ريال سعودي 3500



- ASUS ROG GL552VX



Processor : intel Core i7-7700HQ

VGA : GTX 950m (4 GB)

RAM : 8GB DDR4

ريال سعودي 3500



- MSI GL62-7QF



Processor : intel Core i7-7700HQ

VGA : GTX 960m (2 GB)

RAM : 8GB DDR4

ريال سعودي 3500



- Asus VivoBook X556UR



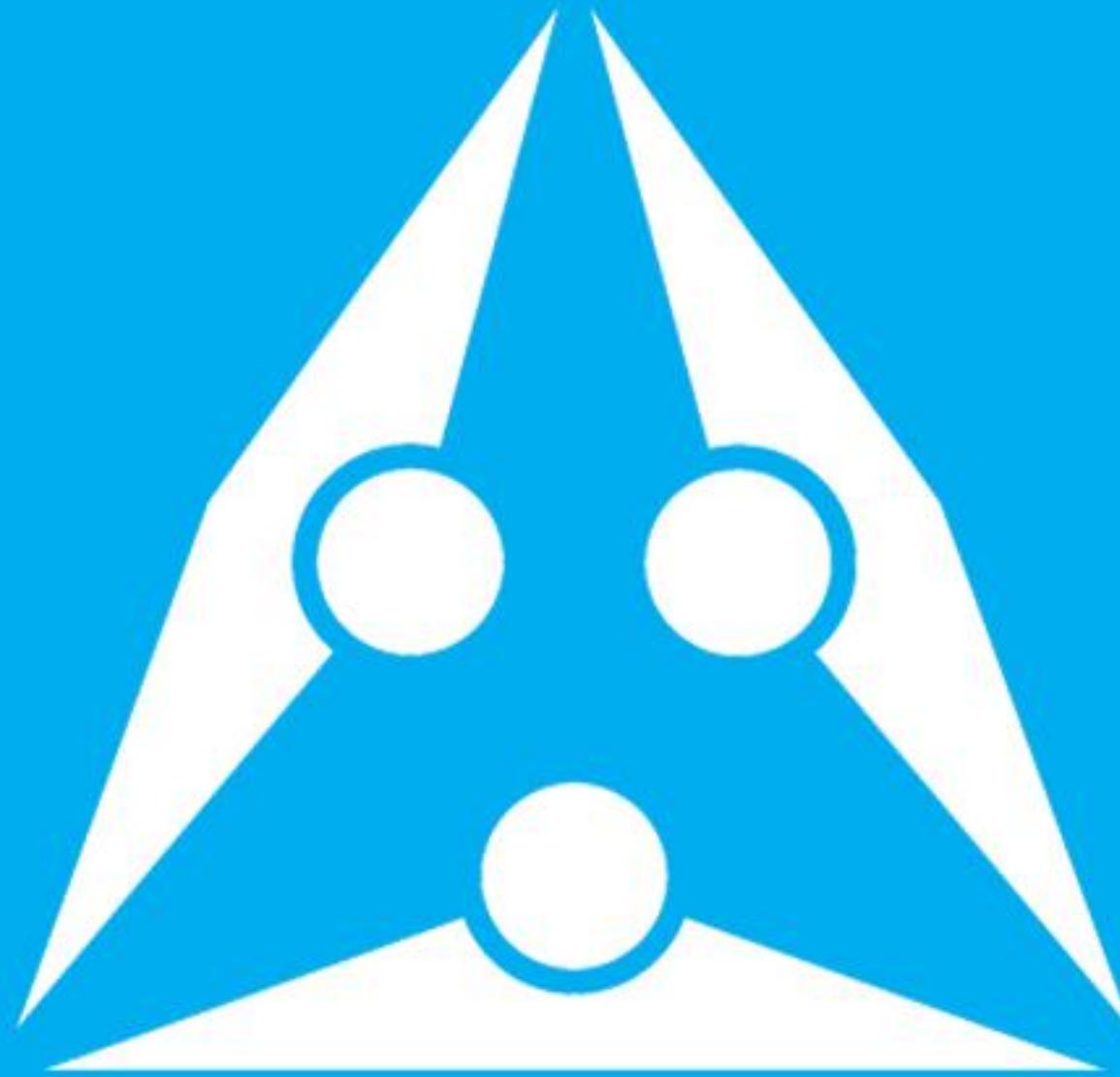
Processor : intel Core i7-7500U

VGA : GTX 930 (2GB)

RAM : 8GB

ريال سعودي 2600





S C A L E T O F I T